

SEQUENCE LISTING

<110> Perreault, Jean-Pierre

Ananvoranich, Sirinart

Lafontaine, Daniel

Universite de Sherbrooke

<120> Nucleic Acid Enzyme for RNA Cleavage

<130> 77473-12

<140> unknown

<141> 2000-10-30

<150> PCT/CA99/00391

<151> 1999-04-29

<150> CA 2,230,203

<151> 1998-04-29

<160> 54

<170> PatentIn Ver. 2.0

<210> 1

<211> 11

<212> RNA

<213> Artificial Sequence

SEARCHED UNSEARCHED

<220>

<223> Description of Artificial Sequence: nucleotide  
sequence comprised of ribonucleotides or a  
combination of ribonucleotides and  
deoxyribonucleotides

<400> 1

nnrhggnhhnn n

11

<210> 2

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: nucleotide  
sequence comprised of ribonucleotides or a  
combination of ribonucleotides and  
deoxyribonucleotides

<400> 2

rrrhggnhhnn n

11

<210> 3

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: nucleotide  
sequence comprised of ribonucleotides or a  
combination of ribonucleotides and  
deoxyribonucleotides

<400> 3

gggcgnnnnn n

11

<210> 4

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: nucleotide  
sequence comprised of ribonucleotides or a  
combination of ribonucleotides and  
deoxyribonucleotides

<400> 4

gggcgnnhnn n

11

<210> 5

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

SEQUENCE 12000

<223> Description of Artificial Sequence: nucleotide  
sequence comprised of ribonucleotides or a  
combination of ribonucleotides and  
deoxyribonucleotides

<400> 5

gggugnnnunnn n

11

<210> 6

<211> 12

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: nucleotide  
sequence comprised of ribonucleotides or a  
combination of ribonucleotides and  
deoxyribonucleotides

<400> 6

gggugnnncnn nn

12

<210> 7

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

COMPOUND "29165960

<223> Description of Artificial Sequence: nucleotide  
sequence comprised of ribonucleotides or a  
combination of ribonucleotides and  
deoxyribonucleotides

<400> 7

aaacgnnnnn n

11

<210> 8

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: nucleotide  
sequence comprised of ribonucleotides or a  
combination of ribonucleotides and  
deoxyribonucleotides

<400> 8

yhrhgnnnnn n

11

<210> 9

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

ପରିବହନ କାନ୍ତିକା

sequence

<400> 9  
gggcgggucg g 11

<210> 10

<211> 10

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 10  
gggcgggucg 10

<210> 11

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 11  
gggcaggucg g 11

D E B I G S A M P L E D O C U M E N T

<210> 12  
<211> 11  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 12  
gggccggucg g 11

<210> 13  
<211> 11  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 13  
gggcgagucg g 11

<210> 14  
<211> 11  
<212> RNA  
<213> Artificial Sequence

D E S C R I P T I O N

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 14

gggcgugucg g 11

<210> 15

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 15

gggcggaucg g 11

<210> 16

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

D E S C R I P T I O N

<400> 16  
gggcggguucg g 11

<210> 17  
<211> 11  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 17  
gggcgggccc g 11

<210> 18  
<211> 11  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 18  
gggcggggcg g 11

<210> 19

0 1 2 3 4 5 6 7 8 9

<211> 11  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 19  
gggcggguag g

11

<210> 20  
<211> 11  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 20  
gggcggguug g

11

<210> 21  
<211> 11  
<212> RNA  
<213> Artificial Sequence

00000000000000000000000000000000

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 21

gggcgggucu g

11

<210> 22

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 22

gggcgggucg u

11

<210> 23

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 23

11

gggcggcucg g

<210> 24

<211> 11

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 24

11

gggcgggacg g

<210> 25

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 25

14

ggaggggcgaa ucgg

<210> 26

<211> 14

MESSAGE - 10000

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 26

ggaggggggg ucgg

14

<210> 27

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 27

ggacggcggg ucgg

14

<210> 28

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

DECODED RECORDS

sequence

<400> 28

ggagggccggg ucgg

14

<210> 29

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 29

ggaaggcggg ucgg

14

<210> 30

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 30

ggagagcggg ucgg

14

0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0

<210> 31  
<211> 14  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 31  
ggaggacggg ucgg 14

<210> 32  
<211> 14  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 32  
ggagggaggg ucgg 14

<210> 33  
<211> 14  
<212> RNA  
<213> Artificial Sequence

0069662 - 102000

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 33

ggauggcggg ucgg

14

<210> 34

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 34

ggagugcgagg ucgg

14

<210> 35

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

0069662 "103000

<400> 35

ggaggucggg ucgg

14

<210> 36

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 36

ggaggguggg ucgg

14

<210> 37

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 37

ggagggaggg ucgg

14

<210> 38

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 38

ggaggcaggg ucgg

14

<210> 39

<211> 14

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 39

ggagccaggg ucgg

14

<210> 40

<211> 14

<212> RNA

<213> Artificial Sequence

000000000000000000000000

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 40

ggaccaaggg ucgg

14

<210> 41

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA PCR  
primer

<400> 41

ccggatccct cgggctcggt cg

22

<210> 42

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA PCR  
primer

<400> 42

ccaagcttcg aagaggaaag aag

23

<210> 43

<211> 813

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 43

caccgcggug gcggccgcuc uagaacuagu ggauccucg ggcucggcg gcgaguccag 60  
cagucuccuc uuuacagaaa auguaagagu acugaggacu gccgccucua gccgagauga 120  
gccgguccga gucgaggaag aaccgcggag ggagagaaga gauccucgag caguggugg 180  
ccggaagaaa gaaguuagag gaacucgaga gagaccucg gaagacaaag aagaaacuca 240  
agaagauaga ggacgaaaaau cccuggcugg ggaacaucaa aggaauucuc ggaaagaagg 300  
auaaggauagg agagggggcu ccccccgcg aagggcccg aacggaccag auggagguag 360  
acuccggacc ucggaagagg ccucucaggg gaggauucac cgacaaggag aggcaggauc 420  
ccgacgaagg aaggcccucg agaacaagaa gaagcagcua ucggcgaggag gcaagaaccu 480  
cagcaaggag gaagaagagg aacucaggag guugaccgag gaagacgaga gaagggaaag 540  
aagaguagcc ggcccggcg uugggggugu gaacccccuc gaagguggau cgaggggagc 600  
gccccggggc ggcuucgucc ccaaucugca gggagucccg gaguccccu ucucucggac 660  
cggggagggg cuggacauca gggaaacca gggauuucca uaggauauac ucuucccagc 720  
cgauccgccc uuuucucccc agaguugucg accccaguga auaaagcggg uuucccacuca 780  
cagguuugcg ucucgcgucc uucuuuccuc uuc

813

<210> 44

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 44

ggguccaccu ccucgcgguc cgaccugggc augcggcuuc gcauggcuaa gggaccc 57

<210> 45

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 45

ggguccaccu ccucgcgguc ccagcugggc augcggcuuc gcauggcuaa gggaccc 57

<210> 46

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

DRAFT - 20060900

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 46

ggguccacccu ccucgcgguc cgaccugggc augccuucgg gcauggcuaa gggaccc 57

<210> 47

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 47

ggguccacccu ccucgcgguc cgcccugggc augcggcuuc gcauggcuaa gggaccc 57

<210> 48

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 48

DRAFT - NOT FOR CITATION

ggguccaccu ccucgcgguc cggccugggc augcggcuuc gcauggcuaa gggaccc 57

<210> 49

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 49

ggguccaccu ccucgcgguc cguccugggc augcggcuuc gcauggcuaa gggaccc 57

<210> 50

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 50

ggguccaccu ccucgcgguc cgaacugggc augcggcuuc gcauggcuaa gggaccc 57

<210> 51

<211> 57

<212> RNA

00000000000000000000

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 51

ggguccaccu ccucgcgguc cgagcugggc augcggcuuc gcauggcuaa gggaccc 57

<210> 52

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA  
sequence

<400> 52

ggguccaccu ccucgcgguc cgaucugggc augcggcuuc gcauggcuaa gggaccc 57

<210> 53

<211> 37

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA

sequence

<400> 53

ggguccaccu ccucgcgguc cgaccugggc augcggc

37

<210> 54

<211> 18

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
sequence which is comprised of ribonucleotides or  
a combination of both ribonucleotides and  
deoxyribonucleotides

<400> 54

ggcauggcua agggaccc

18

0969667-103000